

## CLP and CC

Before children can count objects, they need to know the counting sequence. The first cluster of Counting and Cardinality is about rote counting which comes before the CLP for counting.

Critical Learning Phase	Counting and Cardinality Standard
Counts one item for each number	4a
Keeps track of an unorganized pile	4a, 4b
Notices when recounting a group results in a different number Is bothered when counting a group results in the same number after some have been added or taken away	4a/4 in general
Spontaneously checks by recounting to see if the result is the same	4a/4 in general
Knows “how many” after counting	4b
Counts out a particular quantity	5
Reacts to estimate while counting	Not typically in Kindergarten
Spontaneously adjusts estimate while counting and makes a closer estimate	Not typically in Kindergarten
Knows one more in sequence without counting Knows one less in sequence without counting Notices if a counting pattern doesn’t make sense Knows one more without counting when numbers are presented out of sequence Knows one less without counting when numbers are presented out of sequence Counts by groups by moving appropriate group of counters Knows quantity stays the same when counted by different-sized groups	Relates to 4c but relates more to 1 <sup>st</sup> grade